

Claims

1. Gene *XC1950*, which encodes phosphoenolpyruvate synthase and has one of the following sequences:
the nucleotide sequence of SEQ ID NO:1; and
a DNA sequence which has more than 80% homology with SEQ ID NO:1 and encodes a protein having the same function as the phosphoenolpyruvate synthase encoded by the sequence of SEQ ID NO:1.
2. The gene of claim 1, wherein the gene has the DNA sequence of SEQ ID NO:1.
3. The gene of claim 1 or 2, wherein the Open Reading Frame of the gene is from nucleotide 201 to 2576 from its 5' end.
4. Use of the gene of claim 1 in preventing and treating plant diseases.
5. Use of claim 4, wherein the gene can be used as a target for medicament treatment.